Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAKLK1614

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	JUL 28	CA/CAplus patent coverage enhanced
NEWS 3	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS 4	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 5	JUL 28	STN Viewer performance improved
NEWS 6	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS 7	AUG 13	CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS 8	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS 9	AUG 15	CAplus currency for Korean patents enhanced
NEWS 10	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS 11	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS 12	SEP 25	CA/CAplus current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS 13	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and and Korean patents enhanced
NEWS 14	SEP 29	IFICLS enhanced with new super search field
NEWS 15	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS 16	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS 17	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS 18	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS 19	OCT 22	Current-awareness alert (SDI) setup and editing enhanced
NEWS 20	OCT 22	WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS 21	OCT 24	CHEMLIST enhanced with intermediate list of pre-registered REACH substances
NEWS 22	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:17:58 ON 26 NOV 2008

=> FILE REG

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 09:18:06 ON 26 NOV 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 NOV 2008 HIGHEST RN 1075293-66-1
DICTIONARY FILE UPDATES: 24 NOV 2008 HIGHEST RN 1075293-66-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

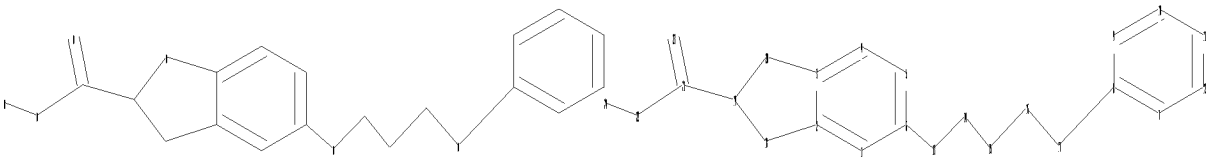
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\STNEXP\Queries\10522259.str



chain nodes :
13 14 15 16 17 21 22 23 24
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 18 19 20
chain bonds :
6-13 8-17 13-14 14-15 15-16 16-17 19-21 21-22 21-23 22-24

ring bonds :
1-2 1-6 2-3 2-18 3-4 3-20 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 18-19
19-20
exact/norm bonds :
2-18 3-20 6-13 8-17 13-14 16-17 18-19 19-20
exact bonds :
14-15 15-16 19-21 22-24
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 21-22 21-23

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom
19:Atom 20:Atom 21:CLASS 22:CLASS 23:CLASS 24:CLASS

L1 STRUCTURE UPLOADED

=> S L1 SSS FULL
FULL SEARCH INITIATED 09:18:27
FULL SCREEN SEARCH COMPLETED - 171 TO ITERATE

100.0% PROCESSED 171 ITERATIONS 37 ANSWERS
SEARCH TIME: 00.00.01

L2 37 SEA SSS FUL L1

=> FILE CAPLUS
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 178.36 178.57

FILE 'CAPLUS' ENTERED AT 09:18:31 ON 26 NOV 2008

FILE COVERS 1907 - 26 Nov 2008 VOL 149 ISS 22
FILE LAST UPDATED: 25 Nov 2008 (20081125/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

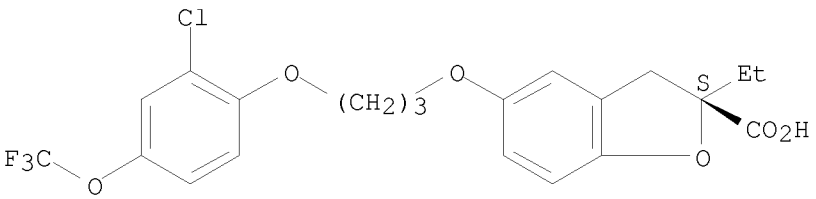
http://www.cas.org/legal/infopolicy.html

=> S L2
L3 3 L2

=> D L3 1-3 IBIB ABS HITSTR

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:1388077 CAPLUS
DOCUMENT NUMBER: 149:430
TITLE: Pharmacophore modeling and parallel screening for PPAR ligands
AUTHOR(S): Markt, Patrick; Schuster, Daniela; Kirchmair, Johannes; Laggner, Christian; Langer, Thierry
CORPORATE SOURCE: Department of Pharmaceutical Chemistry, Institute of Pharmacy and Center for Molecular Biosciences Innsbruck (CMBI), University of Innsbruck, Innsbruck, 6020, Austria
SOURCE: Journal of Computer-Aided Molecular Design (2007), 21(10-11), 575-590
CODEN: JCADEQ; ISSN: 0920-654X
PUBLISHER: Springer
DOCUMENT TYPE: Journal
LANGUAGE: English
AB We describe the generation and validation of pharmacophore models for PPARs, as well as a large scale validation of the parallel screening approach by screening PPAR ligands against a large database of structure-based models. A large test set of 357 PPAR ligands was screened against 48 PPAR models to determine the best models for agonists of PPAR-α, PPAR-δ, and PPAR-γ. Afterwards, a parallel screen was performed using the 357 PPAR ligands and 47 structure-based models for PPARs, which were integrated into a 1537 models comprising inhouse pharmacophore database, to assess the enrichment of PPAR ligands within the PPAR hypotheses. For these purposes, we categorized the 1537 database models into 181 protein targets and developed a score that ranks the retrieved targets for each ligand. Thus, we tried to find out if the concept of parallel screening is able to predict the correct pharmacol. target for a set of compds. The PPAR target was ranked first more often than any other target. This confirms the ability of parallel screening to forecast the pharmacol. active target for a set of compds.
IT 653578-37-1 653578-53-1 653578-70-2
1029132-33-9 1029132-44-2 1029132-50-0
1029132-54-4 1029132-69-1 1029132-70-4
1029132-71-5 1029132-72-6 1029132-76-0
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmacophore modeling and parallel screening for PPAR ligands)
RN 653578-37-1 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX NAME)

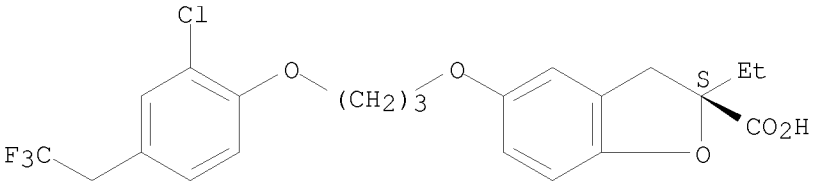
Absolute stereochemistry.



RN 653578-53-1 CAPLUS

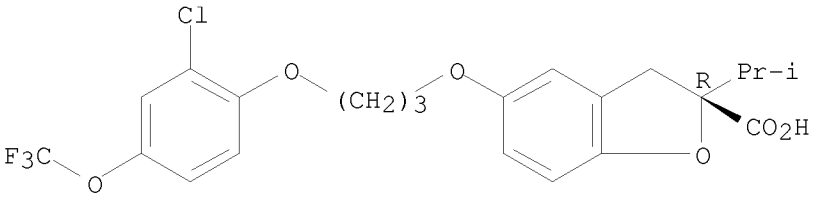
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



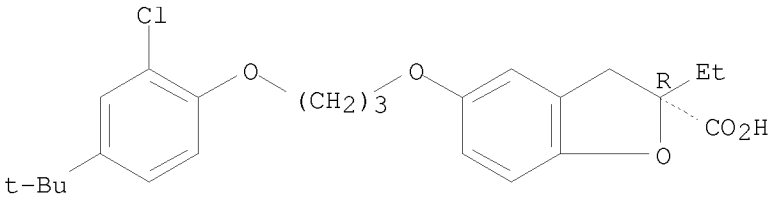
RN 653578-70-2 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2,3-dihydro-2-(1-methylethyl)-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



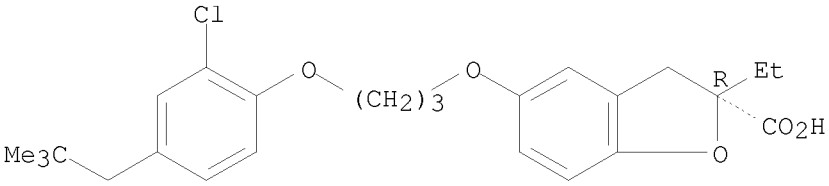
RN 1029132-33-9 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(1,1-dimethylethyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



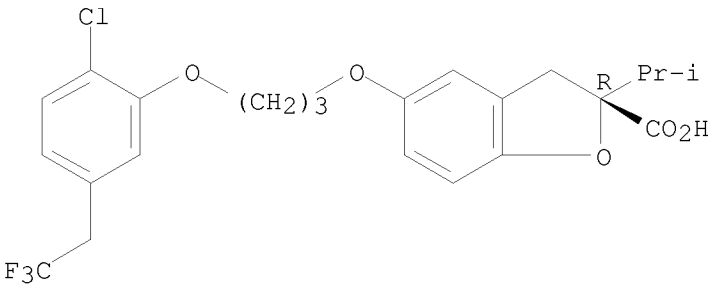
RN 1029132-44-2 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2-dimethylpropyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



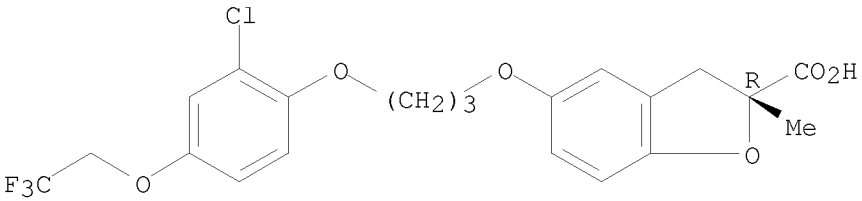
RN 1029132-50-0 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-5-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2,3-dihydro-2-(1-methylethyl)-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



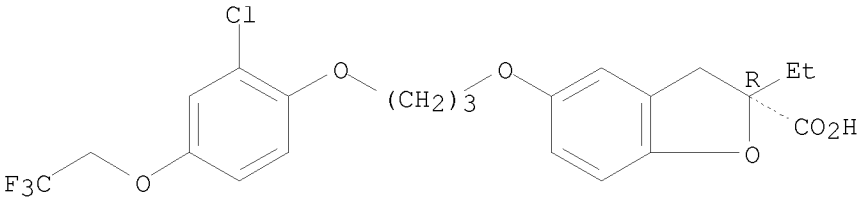
RN 1029132-54-4 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-2,3-dihydro-2-methyl-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



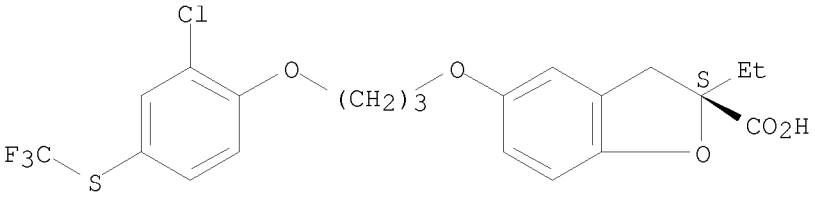
RN 1029132-69-1 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



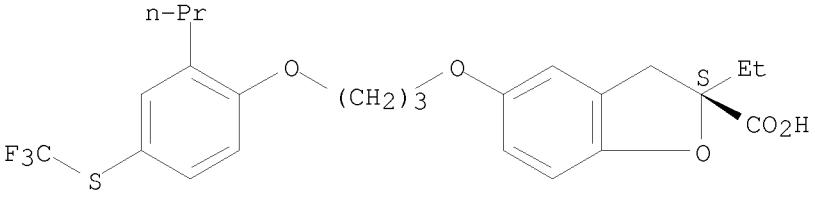
RN 1029132-70-4 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-[(trifluoromethyl)thio]phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



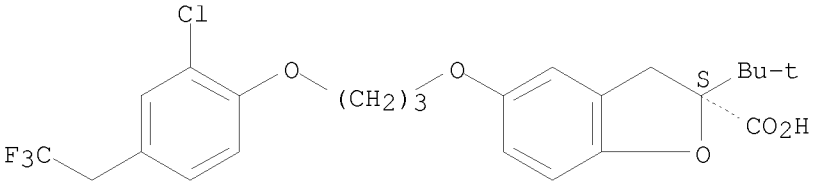
RN 1029132-71-5 CAPLUS
CN 2-Benzofurancarboxylic acid, 2-ethyl-2,3-dihydro-5-[3-[2-propyl-4-[(trifluoromethyl)thio]phenoxy]propoxy]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



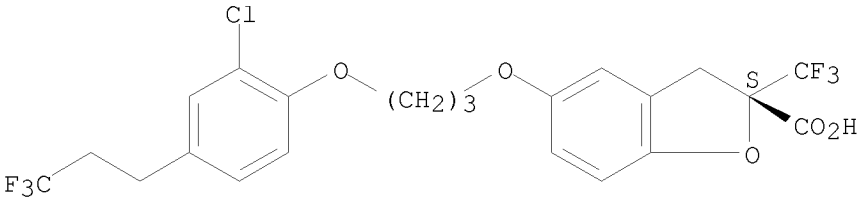
RN 1029132-72-6 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2-(1,1-dimethylethyl)-2,3-dihydro-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 1029132-76-0 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(3,3,3-trifluoropropyl)phenoxy]propoxy]-2,3-dihydro-2-(trifluoromethyl)-, (2S)- (CA INDEX NAME)

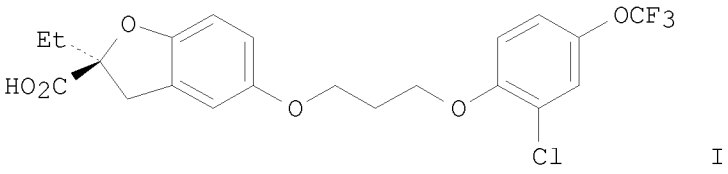
Absolute stereochemistry.



REFERENCE COUNT: 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

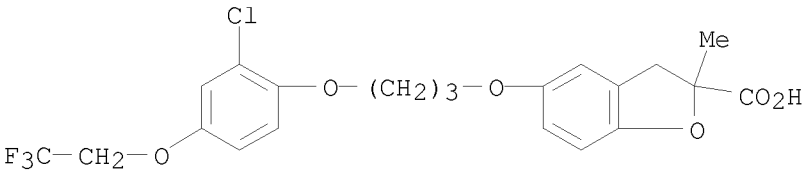
L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:604647 CAPLUS

DOCUMENT NUMBER: 143:266768
TITLE: Novel 2,3-dihydrobenzofuran-2-carboxylic acids: Highly potent and subtype-selective PPARα agonists with potent hypolipidemic activity
AUTHOR(S): Shi, Guo Q.; Dropinski, James F.; Zhang, Yong; Santini, Conrad; Sahoo, Soumya P.; Berger, Joel P.; MacNaul, Karen L.; Zhou, Gaochao; Agrawal, Arun; Alvaro, Raul; Cai, Tian-Quan; Hernandez, Melba; Wright, Samuel D.; Moller, David E.; Heck, James V.; Meinke, Peter T.
CORPORATE SOURCE: Department of Medicinal Chemistry, Metabolic Disorders, Drug Metabolism and Atherosclerosis and Endocrinology, Merck Research Laboratories, Rahway, NJ, 07065-0900, USA
SOURCE: Journal of Medicinal Chemistry (2005), 48(17), 5589-5599
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 143:266768
GI

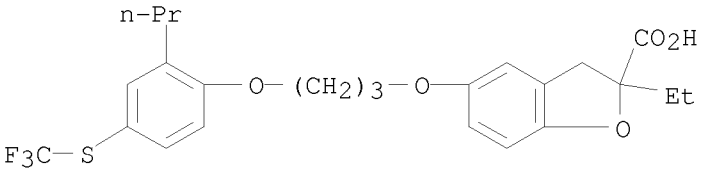


I

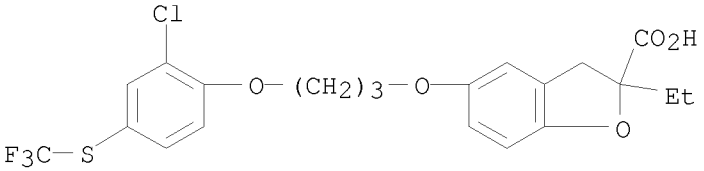
AB The design and synthesis of a class of 2,3-dihydrobenzofuran-2-carboxylic acids, e.g., I, as highly potent and subtype-selective PPARα agonists are reported. Systematic study of structure-activity relationships has identified several key structural elements within this class for maintaining the potency and subtype selectivity. Select compds. were evaluated in animal models of dyslipidemia using Syrian hamsters and male Beagle dogs, and all these compds. displayed excellent cholesterol- and triglyceride-lowering activity at dose levels that were much lower than the marketed weak PPARα agonist fenofibrate.
IT 653578-10-0P 653578-25-7P 653578-30-4P
653578-32-6P 653578-33-7P 653578-77-9P
863970-68-7P 863970-69-8P 863970-70-1P
863970-72-3P 863970-86-9P
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation, PPAR binding and transactivation activity, hypolipidemic activity, and structure-activity relationship of dihydrobenzofurancarboxylic acids using O-alkylation as the key step)
RN 653578-10-0 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-2,3-dihydro-2-methyl- (CA INDEX NAME)



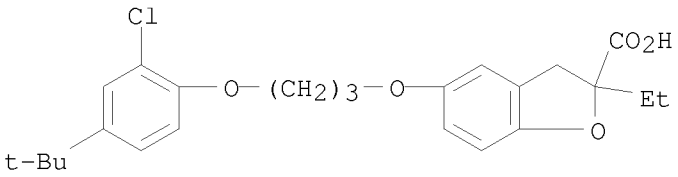
RN 653578-25-7 CAPLUS
CN 2-Benzofurancarboxylic acid, 2-ethyl-2,3-dihydro-5-[3-[2-propyl-4-[(trifluoromethyl)thio]phenoxy]propoxy]- (CA INDEX NAME)



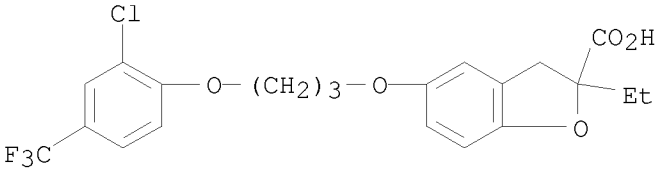
RN 653578-30-4 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-[(trifluoromethyl)thio]phenoxy]propoxy]-2-ethyl-2,3-dihydro- (CA INDEX NAME)



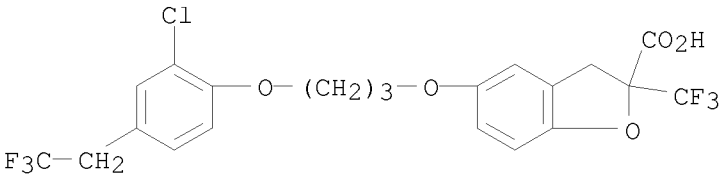
RN 653578-32-6 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(1,1-dimethylethyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro- (CA INDEX NAME)



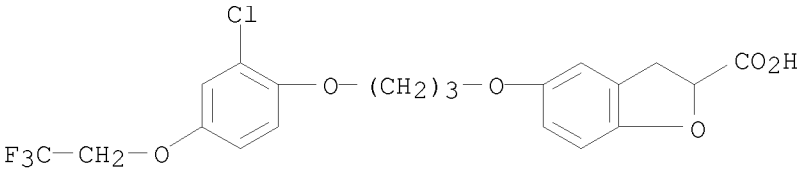
RN 653578-33-7 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro- (CA INDEX NAME)



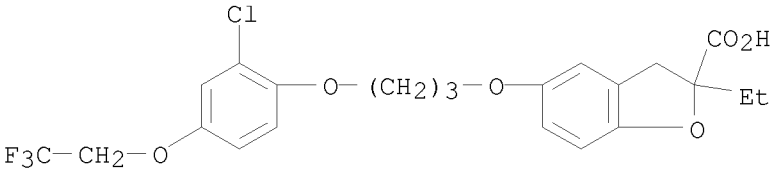
RN 653578-77-9 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2,3-dihydro-2-(trifluoromethyl)- (CA INDEX NAME)



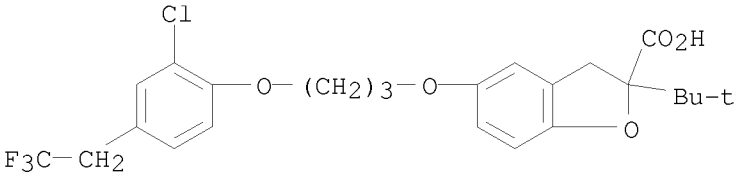
RN 863970-68-7 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-2,3-dihydro- (CA INDEX NAME)



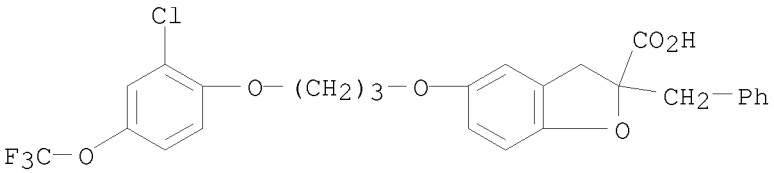
RN 863970-69-8 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-2-ethyl-2,3-dihydro- (CA INDEX NAME)



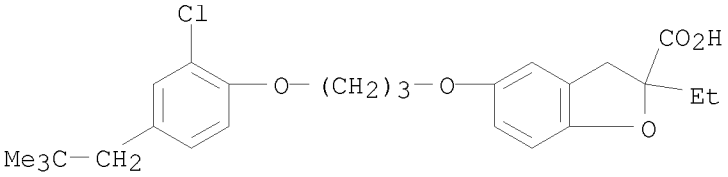
RN 863970-70-1 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2-(1,1-dimethylethyl)-2,3-dihydro- (CA INDEX NAME)



RN 863970-72-3 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2,3-dihydro-2-(phenylmethyl)- (CA INDEX NAME)

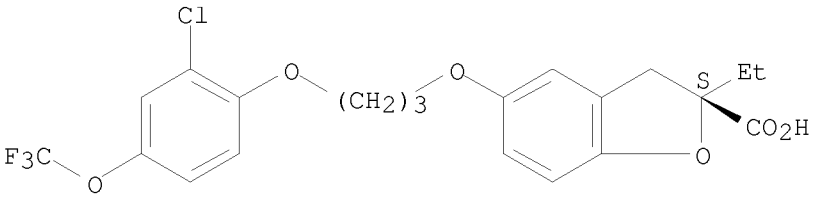


RN 863970-86-9 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2-dimethylpropyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro- (CA INDEX NAME)



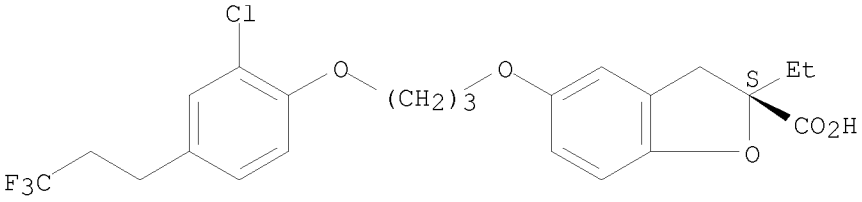
IT 653578-37-1P 653578-49-5P 653578-53-1P
653578-70-2P 863970-74-5P 863970-77-8P
863970-79-0P 863970-90-5P
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(stereoselective preparation, PPAR binding and transactivation activity, hypolipidemic activity, and structure-activity relationship of dihydrobenzofurancarboxylic acids using resolution or asym. dihydroxylation as the key step)
RN 653578-37-1 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



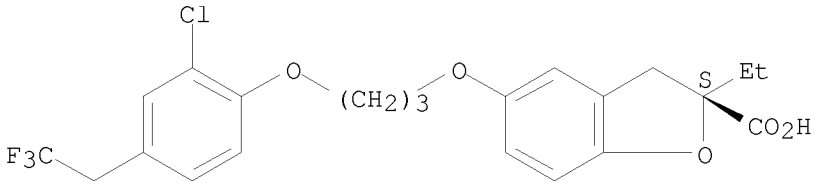
RN 653578-49-5 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(3,3,3-trifluoropropyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



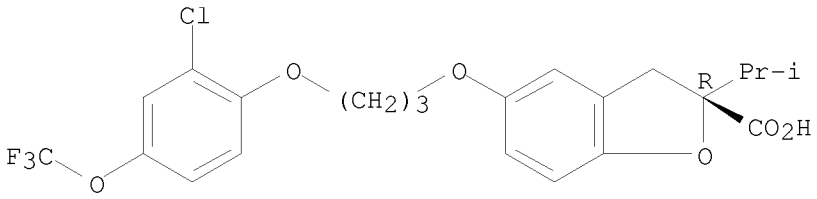
RN 653578-53-1 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



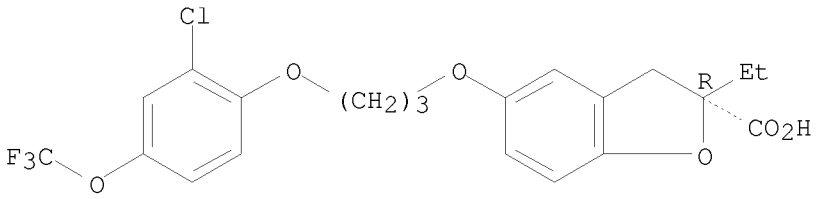
RN 653578-70-2 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2,3-dihydro-2-(1-methylethyl)-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



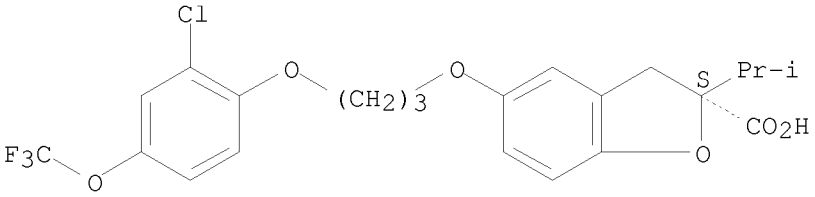
RN 863970-74-5 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



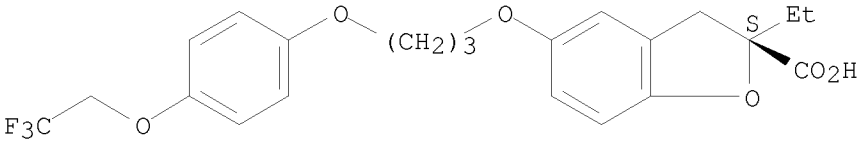
RN 863970-77-8 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2,3-dihydro-2-(1-methylethyl)-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



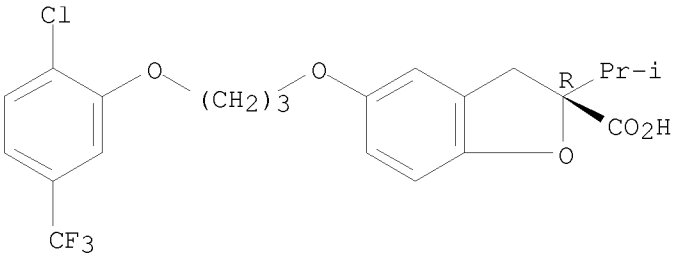
RN 863970-79-0 CAPLUS
CN 2-Benzofurancarboxylic acid, 2-ethyl-2,3-dihydro-5-[3-[4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 863970-90-5 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-5-(trifluoromethyl)phenoxy]propoxy]-2,3-dihydro-2-(1-methylethyl)-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2004:100946 CAPLUS
DOCUMENT NUMBER: 140:145991
TITLE: Preparation of benzodihydrofurans as selective PPARα agonists for treating dyslipidemia and other lipid disorders
INVENTOR(S): Shi, Guo Q.; Zhang, Yong
PATENT ASSIGNEE(S): Merck & Co., Inc., USA
SOURCE: PCT Int. Appl., 88 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004010936	A2	20040205	WO 2003-US23430	20030725

WO 2004010936 A3 20040826
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2491733	A1	20040205	CA 2003-2491733		20030725
AU 2003256842	A1	20040216	AU 2003-256842		20030725
EP 1539136	A2	20050615	EP 2003-771907		20030725
EP 1539136	B1	20080709			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK					
JP 2006500335	T	20060105	JP 2004-524883		20030725
AT 400564	T	20080715	AT 2003-771907		20030725
US 20050228044	A1	20051013	US 2005-522259		20050125
PRIORITY APPLN. INFO.:			US 2002-399520P	P	20020730
			WO 2003-US23430	W	20030725

OTHER SOURCE(S): MARPAT 140:145991
GI

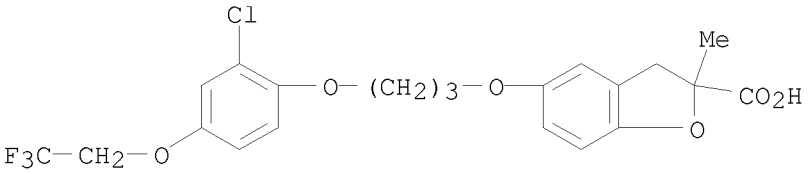
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [wherein R = (un)substituted alkyl, (CH2)0-2-cycloalkyl; R1 = Cl, F, (un)substituted alkyl, (CH2)0-2-cycloalkyl; R2 = (un)substituted thio/alkoxy, (CH2)0-3-cycloalkyl, alkyl; R3, R4 = independently H, Cl, F, (un)substituted alkyl; A, B = independently H, halo, (un)substituted alkyl, alkoxy; X, Y = independently O, S, CR3R4; n = 1-3; and their pharmaceutically acceptable salts] were prepared as selective peroxisome proliferator-activated receptors alpha (PPARα) for treating dyslipidemia and other lipid disorders (no data). For example, II was prepared by chlorination of 2-chloro-4-(2,2,2-trifluoroethoxy)phenol, etherification with 3-bromopropanol, iodination to III, etherification of 5-hydroxy-dihydrobenzofuran (preparation given) with III, and subsequent hydrolysis of the "in situ" prepared Me ester. I exhibited high agonist activity at the PPARα receptor and little or no activity at the PPARγ and PPARδ receptors (no data). Thus, I and their formulations, are useful for treating hyperlipidemia, hypercholesterolemia, dyslipidemia, and other lipid disorders, and in delaying the onset of or reducing the risk of conditions and sequelae that are associated with these diseases, such as atherosclerosis and diabetes mellitus, type II insulin-independent (no data).

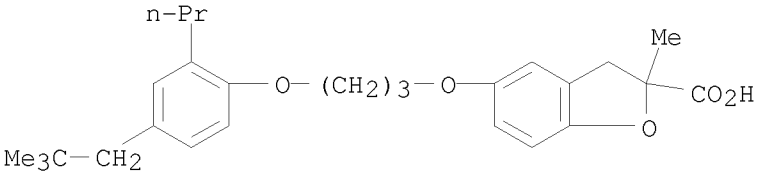
IT 653578-10-0P, 5-[3-[2-Chloro-4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-2-methyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-15-5P, 5-[3-[[4-(2,2-Dimethylpropyl)-2-propylphenyl]oxy]propoxy]-2-methyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-21-3P, 5-[3-[2-Chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2-methyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-23-5P, 5-[3-[[4-(2,2-Dimethylpropyl)-2-propylphenyl]oxy]propoxy]-2-ethyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-25-7P, 2-Ethyl-5-[3-(2-propyl-4-trifluoromethylsulfanylphenoxy)propoxy]-2,3-dihydrobenzofuran-2-carboxylic acid 653578-30-4P, 5-[3-(2-Chloro-4-trifluoromethylsulfanylphenoxy)propoxy]-2-ethyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-32-6P,

5-[3-(4-tert-Butyl-2-chlorophenoxy)propoxy]-2-ethyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-33-7P,
5-[3-[2-Chloro-4-(trifluoromethyl)phenoxy]propoxy]-2-ethyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-35-9P,
5-[3-[2-Chloro-4-(1,1-dimethylpropyl)phenoxy]propoxy]-2-ethyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-37-1P,
(2S)-5-[3-[2-Chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2-ethyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-45-1P,
(2S)-5-[3-[2-Chloro-4-(2,2-dimethylpropyl)phenoxy]propoxy]-2-ethyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-48-4P,
(2S)-5-[3-[2-Chloro-4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-2-ethyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-49-5P,
(2S)-5-[3-[2-Chloro-4-(3,3,3-trifluoropropyl)phenoxy]propoxy]-2-ethyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-53-1P,
(2S)-5-[3-[2-Chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2-ethyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-66-6P
653578-70-2P, (2R)-5-[3-[2-Chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2-isopropyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-71-3P,
(2R)-5-[3-[2-Chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2-isopropyl-2,3-dihydrobenzofuran-2-carboxylic acid 653578-75-7P,
(2R)-2-tert-Butyl-5-[3-[2-chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2,3-dihydrobenzofuran-2-carboxylic acid 653578-77-9P,
5-[3-[2-Chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2-trifluoromethyl-2,3-dihydrobenzofuran-2-carboxylic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of benzodihydrofurans as PPAR modulators, in particular PPARα agonists, for treating dyslipidemia and other lipid disorders)

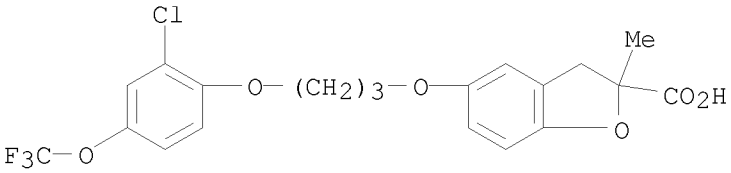
RN 653578-10-0 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-2,3-dihydro-2-methyl- (CA INDEX NAME)



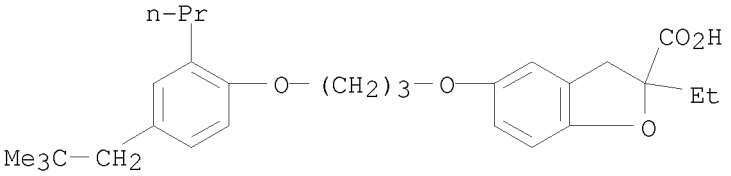
RN 653578-15-5 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[4-(2,2-dimethylpropyl)-2-propylphenoxy]propoxy]-2,3-dihydro-2-methyl- (CA INDEX NAME)



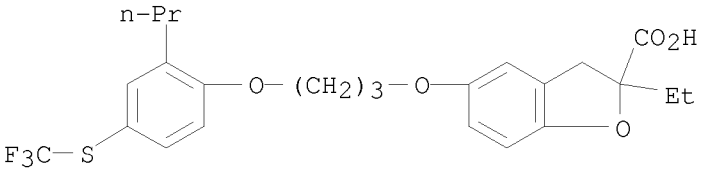
RN 653578-21-3 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2,3-dihydro-2-methyl- (CA INDEX NAME)



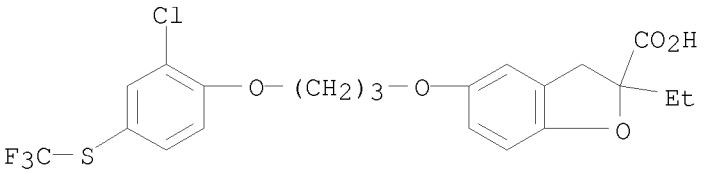
RN 653578-23-5 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[4-(2,2-dimethylpropyl)-2-propylphenoxy]propoxy]-2-ethyl-2,3-dihydro- (CA INDEX NAME)



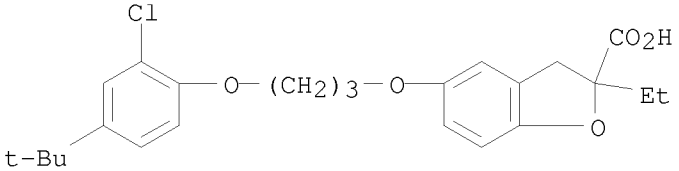
RN 653578-25-7 CAPLUS
CN 2-Benzofurancarboxylic acid, 2-ethyl-2,3-dihydro-5-[3-[2-propyl-4-[(trifluoromethyl)thio]phenoxy]propoxy]- (CA INDEX NAME)



RN 653578-30-4 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-[(trifluoromethyl)thio]phenoxy]propoxy]-2-ethyl-2,3-dihydro- (CA INDEX NAME)

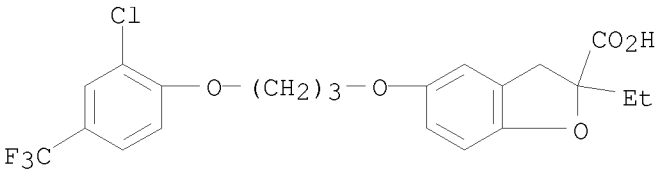


RN 653578-32-6 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(1,1-dimethylethyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro- (CA INDEX NAME)

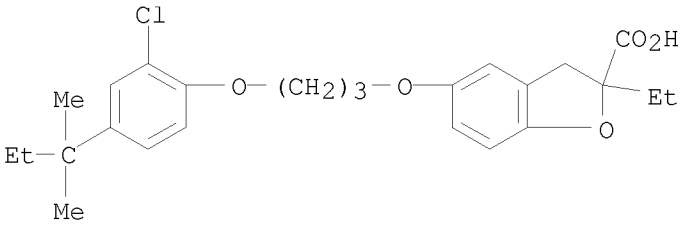


RN 653578-33-7 CAPLUS

CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro- (CA INDEX NAME)

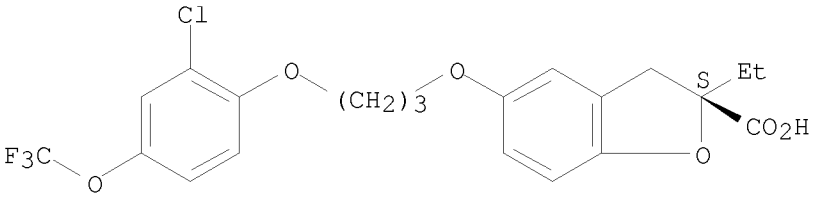


RN 653578-35-9 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(1,1-dimethylpropyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro- (CA INDEX NAME)



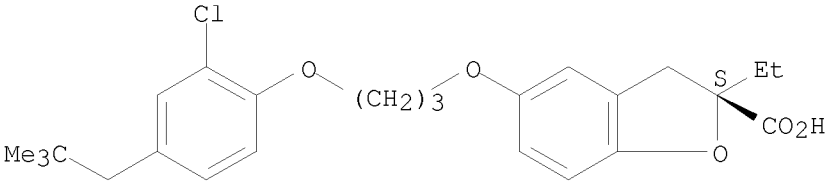
RN 653578-37-1 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 653578-45-1 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2-dimethylpropyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX NAME)

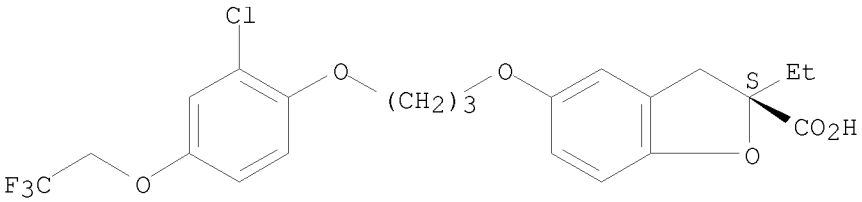
Absolute stereochemistry.



RN 653578-48-4 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethoxy)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX

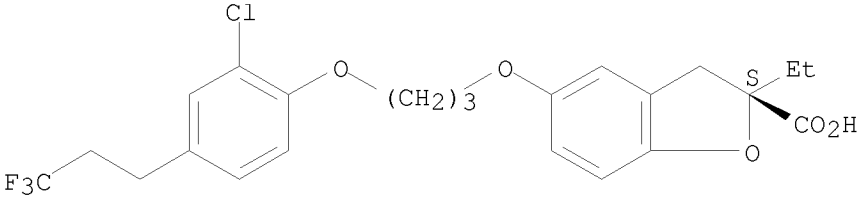
NAME)

Absolute stereochemistry.



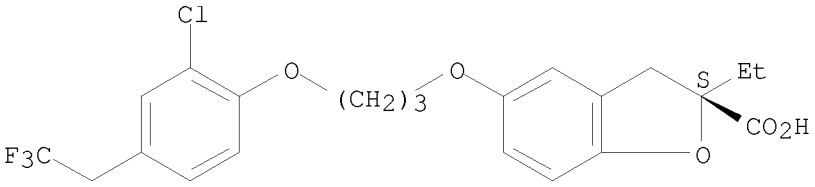
RN 653578-49-5 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(3,3,3-trifluoropropyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



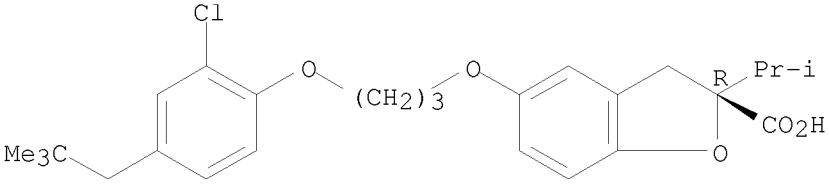
RN 653578-53-1 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2-ethyl-2,3-dihydro-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RN 653578-66-6 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2-dimethylpropyl)phenoxy]propoxy]-2,3-dihydro-2-(1-methylethyl)-, (2R)- (CA INDEX NAME)

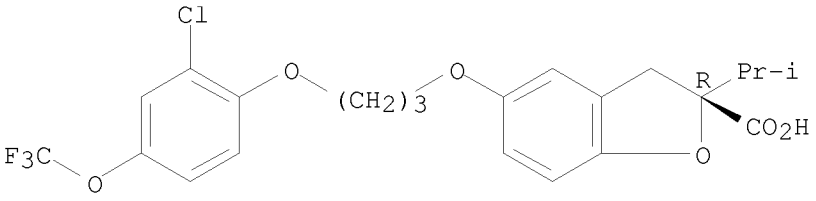
Absolute stereochemistry.



RN 653578-70-2 CAPLUS

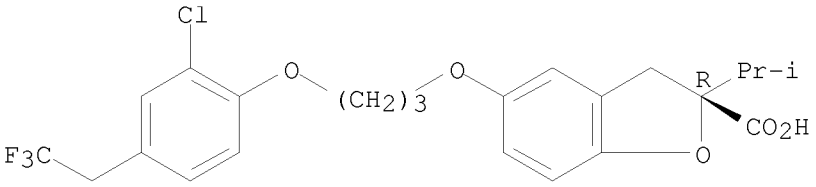
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(trifluoromethoxy)phenoxy]propoxy]-2,3-dihydro-2-(1-methylethyl)-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



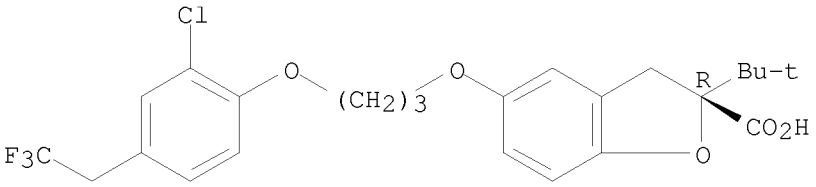
RN 653578-71-3 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2,3-dihydro-2-(1-methylethyl)-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.

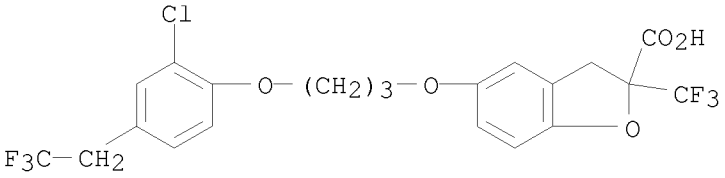


RN 653578-75-7 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2-(1,1-dimethylethyl)-2,3-dihydro-, (2R)- (CA INDEX NAME)

Absolute stereochemistry.



RN 653578-77-9 CAPLUS
CN 2-Benzofurancarboxylic acid, 5-[3-[2-chloro-4-(2,2,2-trifluoroethyl)phenoxy]propoxy]-2,3-dihydro-2-(trifluoromethyl)- (CA INDEX NAME)



```
=> FIL STNGUIDE
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    18.27     196.84

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                    -2.40      -2.40

FILE 'STNGUIDE' ENTERED AT 09:21:01 ON 26 NOV 2008
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 21, 2008 (20081121/UP).

=>
=> log off y
STN INTERNATIONAL LOGOFF AT 09:39:30 ON 26 NOV 2008



Connecting via Winsock to STN



Welcome to STN International!  Enter x:X

LOGINID:SSPTAKLK1614

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1          Web Page for STN Seminar Schedule - N. America
 NEWS  2  JUL 28  CA/CAplus patent coverage enhanced
 NEWS  3  JUL 28  EPFULL enhanced with additional legal status
                  information from the epoline Register
 NEWS  4  JUL 28  IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
 NEWS  5  JUL 28  STN Viewer performance improved
 NEWS  6  AUG 01  INPADOCDB and INPAFAMDB coverage enhanced
 NEWS  7  AUG 13  CA/CAplus enhanced with printed Chemical Abstracts
                  page images from 1967-1998
 NEWS  8  AUG 15  CAOLD to be discontinued on December 31, 2008
 NEWS  9  AUG 15  CAplus currency for Korean patents enhanced
 NEWS 10  AUG 27  CAS definition of basic patents expanded to ensure
                  comprehensive access to substance and sequence
                  information
 NEWS 11  SEP 18  Support for STN Express, Versions 6.01 and earlier,
                  to be discontinued
 NEWS 12  SEP 25  CA/CAplus current-awareness alert options enhanced
                  to accommodate supplemental CAS indexing of
                  exemplified prophetic substances
 NEWS 13  SEP 26  WPIDS, WPINDEX, and WPIX coverage of Chinese and
                  and Korean patents enhanced
 NEWS 14  SEP 29  IFICLS enhanced with new super search field
 NEWS 15  SEP 29  EMBASE and EMBAL enhanced with new search and
                  display fields
```

```
 NEWS 16  SEP 30  CAS patent coverage enhanced to include exemplified
                  prophetic substances identified in new Japanese-
                  language patents
 NEWS 17  OCT 07  EPFULL enhanced with full implementation of EPC2000
 NEWS 18  OCT 07  Multiple databases enhanced for more flexible patent
                  number searching
 NEWS 19  OCT 22  Current-awareness alert (SDI) setup and editing
                  enhanced
 NEWS 20  OCT 22  WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT
                  Applications
 NEWS 21  OCT 24  CHEMLIST enhanced with intermediate list of
                  pre-registered REACH substances
 NEWS 22  NOV 21  CAS patent coverage to include exemplified prophetic
                  substances identified in English-, French-, German-,
                  and Japanese-language basic patents from 2004-present

 NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
              AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:03:50 ON 26 NOV 2008

=> FILE REG
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.21       0.21

FILE 'REGISTRY' ENTERED AT 10:04:00 ON 26 NOV 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   24 NOV 2008  HIGHEST RN 1075293-66-1
DICTIONARY FILE UPDATES:  24 NOV 2008  HIGHEST RN 1075293-66-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
```

on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> S 122443-95-2/RN
L1 1 122443-95-2/RN

=> S 105978-27-6/RN
L2 1 105978-27-6/RN

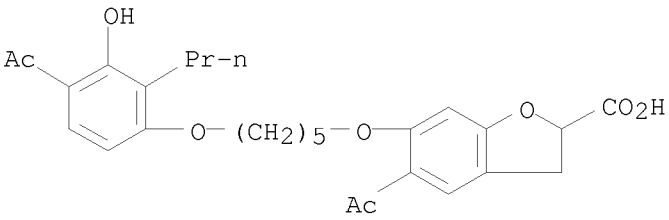
=> S 105978-42-5/RN
L3 1 105978-42-5/RN

=> D L1-L3
'L1-L3' IS NOT A VALID ACCESSION NUMBER

The number entered is not a valid accession number in this file.
Enter "HELP ACCESSION" at an arrow prompt (=>) for a list of valid
accession number formats in the current file.

=> D L1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 122443-95-2 REGISTRY
ED Entered STN: 01 Sep 1989
CN 2-Benzofurancarboxylic acid, 5-acetyl-6-[[5-(4-acetyl-3-hydroxy-2-propylphenoxy)pentyl]oxy]-2,3-dihydro- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Benzofurancarboxylic acid, 5-acetyl-6-[[5-(4-acetyl-3-hydroxy-2-propylphenoxy)pentyl]oxy]-2,3-dihydro-, (±)-
MF C27 H32 O8
SR CA
LC STN Files: CA, CAPLUS, CASREACT



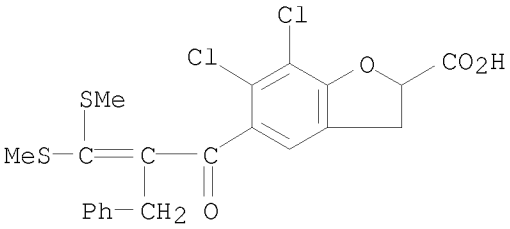
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D L2

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 105978-27-6 REGISTRY
ED Entered STN: 03 Jan 1987
CN 2-Benzofurancarboxylic acid, 5-[3,3-bis(methylthio)-1-oxo-2-(phenylmethyl)-2-propen-1-yl]-6,7-dichloro-2,3-dihydro- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Benzofurancarboxylic acid, 5-[3,3-bis(methylthio)-1-oxo-2-(phenylmethyl)-2-propenyl]-6,7-dichloro-2,3-dihydro- (9CI)

MF C21 H18 Cl2 O4 S2
SR CA
LC STN Files: CA, CAPLUS

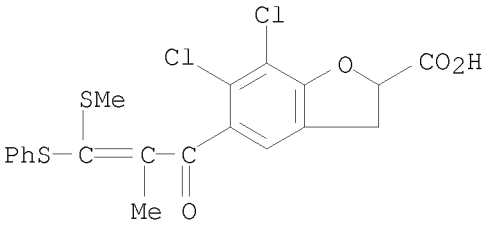


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> D L3

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 105978-42-5 REGISTRY
ED Entered STN: 03 Jan 1987
CN 2-Benzofurancarboxylic acid, 6,7-dichloro-2,3-dihydro-5-[2-methyl-3-(methylthio)-1-oxo-3-(phenylthio)-2-propen-1-yl]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Benzofurancarboxylic acid, 6,7-dichloro-2,3-dihydro-5-[2-methyl-3-(methylthio)-1-oxo-3-(phenylthio)-2-propenyl]- (9CI)
MF C20 H16 Cl2 O4 S2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> LOG OFF Y
STN INTERNATIONAL LOGOFF AT 10:14:24 ON 26 NOV 2008